

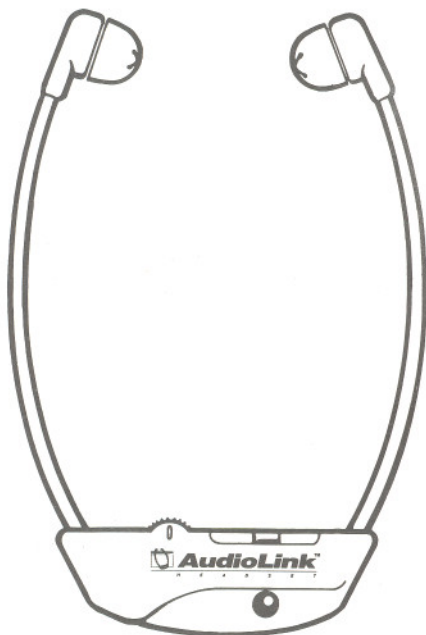
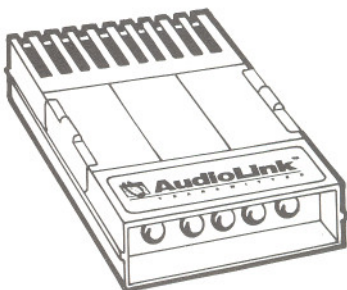


# **AudioLink<sup>TM</sup>**

PLS-100

**PERSONAL LISTENING SYSTEM**

## **OWNER'S MANUAL**



Distributed by **nci**  
Manufactured by  **SENNHEISER**

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## BEFORE USING AUDIOLINK™ PERSONAL LISTENING SYSTEM

The *AudioLink™* PLS-100 (Headset and Transmitter/Charger) is designed so that hard-of-hearing people can better understand television through reception of enhanced sound. *AudioLink™* also clarifies sound in suitably equipped public facilities, such as theaters, cinemas, and places of worship. The system conforms to standards established by the American National Standards Institute (ANSI) and is based on infrared light wave technology.

### CONTENTS OF AUDIOLINK™ PLS-100:

- 1 *AudioLink™* Headset H-100
- 1 *AudioLink™* Transmitter/Battery Charger T-100
- 2 Rechargeable Batteries BA-90
- 1 Power Cable with 110V AC adapter (wall mount plug)
- 1 Audio Cable terminating with a RCA plug
- 1 RCA to 1/8" mono adapter (for headphone jack on TV or audio accessories)
- 1 Owner's Manual
- 1 Warranty Registration Card
- 1 Accessory List

**ONE YEAR FREE MEMBERSHIP OFFER IN THE AUDIOLINK™ SOCIETY:** When you return your completed warranty registration card to NCI, you will automatically become a one-year charter member of the *AudioLink™* Society. As a member, you will receive the *AudioLink™* newsletter, plus periodic updates of *AudioLink™*-compatible facilities in your area and nationwide.

**FOR SERVICE OR REPAIRS:** Contact *AudioLink™* Technical Support at Sennheiser, (203) 434-9190.

**WARNING: READ BEFORE USING AUDIOLINK™**  
Although *AudioLink™* gives you up to 124 dB of amplified sound, it should not be confused with a hearing aid. The *AudioLink™* headset receiver, as with any amplification device, can damage hearing if used at an extreme volume for an extended period of time. Always turn off unit when not in use. Keep out of reach of small children.

## AUDIOLINK™ PLS-100 FEATURES AND SPECIFICATIONS

### FEATURES

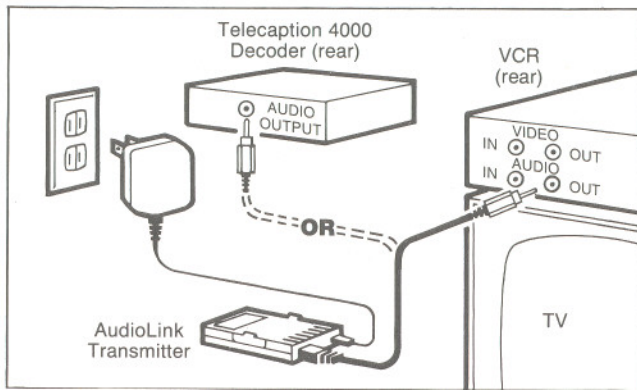
- **Versatile**—*AudioLink™* can be used while watching TV, or at hundreds of specially equipped cinemas, theaters, places of worship and museums across the country.
- **Adaptable**—*AudioLink™* has a handy output jack for connection to hearing aid accessories such as a neck loop, induction coil plate, or direct audio input. (See enclosed Accessory List).
- **Superior audio quality**—clear direct sound without distracting background noise.
- **High volume**—rated at 124 dB sound pressure level (S.P.L.).
- **World's lightest wireless audio headset**—weighs only 1.4 ounces.
- **Two rechargeable batteries**—no replacement costs or inconvenience; integrated charging port included in transmitter.
- **Easy operation**—connects to the audio output jacks of VCRs, hi-fi equipment, the TeleCaption™ 4000 closed caption decoder, and many TVs. Transmitter includes automatic ON/OFF function and level control.
- **Compact design and small dimensions.**
- **Broad range**—covers room area of up to 430 square feet.
- **Individually adjustable**—can be tailored to your individual hearing loss.

### TECHNICAL SPECIFICATIONS

	Headset H-100	Transmitter/ Battery Charger T-100
Infrared wave length	950 nm	950 nm
Modulation	FM	FM
Carrier frequency	95 kHz	95 kHz
Output jack	2.5 mm micro jack	
Frequency response	30-18,000 Hz	30-18,000 Hz
Distortion	typ. 1%	typ. 1%
S/N ratio	typ. 65 dB	typ. 65 dB
Battery recharging time		12-18 hr.
Battery operation time	approx. 10 hr.	
Acoustic pressure		
(volume)	124 dB S.P.L.	
Weight	1.4 oz.	2.8 oz.

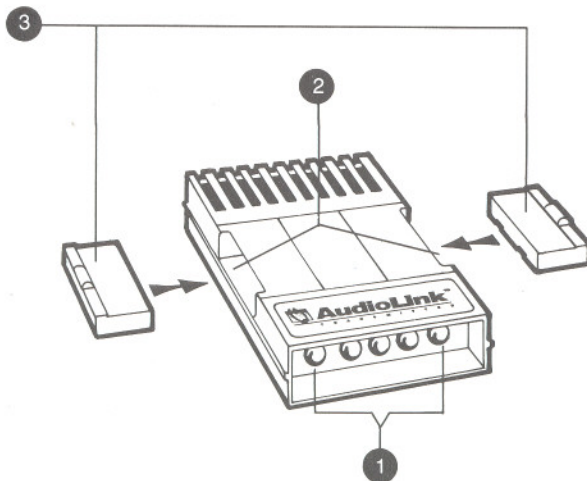
## HOOKING UP THE AUDIOLINK™ TRANSMITTER/BATTERY CHARGER T-100 TO YOUR TV

1. Insert the two pin power cable into the two pin receptacle on the transmitter. Plug the other end of the adapter into a 110V AC wall outlet.
2. Insert the three pin audio cable into the three pin receptacle on the transmitter. Insert the RCA plug into the audio output jack on your VCR, TeleCaption™ 4000 closed caption decoder, hi-fi equipment, or TV. With this connection, volume on the TV is independent of volume on the headset, so all household members can view TV together at a comfortable level.
3. If you prefer to use a headphone jack on your TV or audio equipment, use the appropriate adapter. NCI supplies an RCA to 1/8" mono adapter, which fits most TV headphone jacks. If your audio equipment uses a different jack, consult your audio equipment owner's manual. The appropriate adapter is available at most electronics stores.
4. Insert the two batteries into the battery receptacles. In doing so, you will replace the "dummy" battery in one of the receptacles. When inserting batteries, observe the guides on the charger. Make sure each battery is fully inserted, but do not force.
5. If you do not have an audio output jack or headphone jack available, or if you have problems connecting the transmitter, contact your AudioLink™ dealer or NCI.



## LOCATION AND USE OF CONTROLS AUDIOLINK™ TRANSMITTER/BATTERY CHARGER T-100

1. **LED:** Keep these five light emitting diodes (LEDs) unobstructed and in clear line of sight of the LED on the headset.
2. **BATTERY RECEPTACLES:** Two recharging ports for BA-90 batteries.
3. **BATTERIES:** Two rechargeable batteries each provide ten hours of continuous use when properly charged.



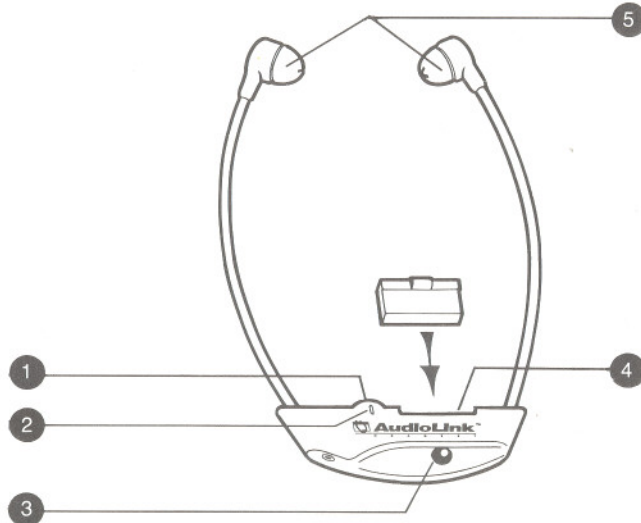
## CHARGING THE BATTERIES

- Before first use of the headset, each battery should be charged for 24 hours for optimal use.
- Subsequent recharging time is 12-18 hours. For best results, periodically let each battery drain completely and then recharge. Because two batteries have been provided, one always can be recharging while the other is in use.
- Batteries are charged as long as the transmitter is plugged into an AC outlet. You cannot overcharge the batteries.



## LOCATION AND USE OF CONTROLS, *AUDIOLINK™* HEADSET H-100 (FRONT)

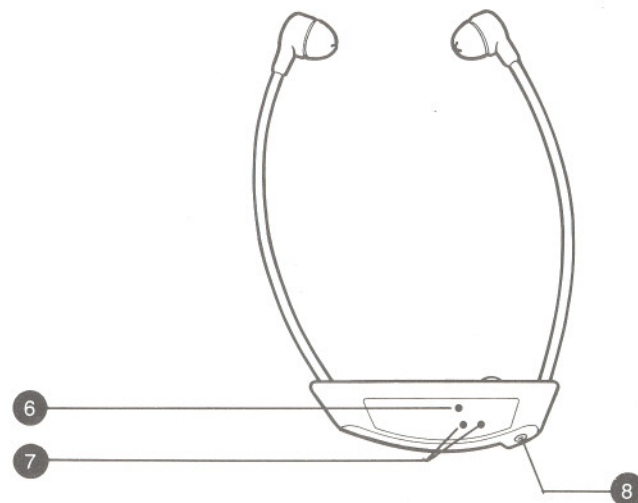
1. **VOLUME CONTROL:** Controls volume level. When the front of the headset is facing away from you, turn volume control toward left to increase volume. Turn to "off" (toward the right) when headset is not in use to save battery consumption.
2. **VOLUME CONTROL INDICATOR:** Displays volume level when volume is "on." The more yellow area shown, the higher the volume. At maximum volume (124 dB), the entire indicator area will be yellow.
3. **LED:** Audio receiving diode. Keep unobstructed (by hands, newspapers, other solid objects). For maximum sound reception, a clear line of sight should exist between the LED on the headset and the LEDs on the transmitter.
4. **BATTERY RECEPTACLE:** Place battery BA-90 in this location in order to operate the headset. When headset is not in use, recharge batteries in the transmitter/charger.
5. **EAR CUSHIONS:** These removable pieces should be cleaned with soap and water from time to time.



## LOCATION AND USE OF CONTROLS, *AUDIOLINK™* HEADSET H-100 (BACK)

6. **TONE CONTROL:** Can be adjusted to compensate for varying degrees of hearing loss between low and high frequencies.
7. **VOLUME CONTROLS, RIGHT AND LEFT:** Can be adjusted to compensate for varying level of hearing loss between right and left ears.
8. **ACCESSORY JACK:** 2.5 mm jack enables certain accessories (not provided: see Accessory List) to connect to behind the ear hearing aids having "T" switch feature. Consult your hearing health care professional for assistance.

**NOTE:** When required, adjustments of Volume and Tone Controls on the back of the headset should be made by a hearing health care professional, who can tailor the *AudioLink™* headset to your individual hearing loss. Not all users will need an adjustment. Those users with more severe hearing loss, extreme variance of loss from ear to ear, and wearers of behind the ear hearing aids are most likely to benefit from these adjustments, which may entail an extra charge by the professional. ADJUSTMENT BY THE CONSUMER MAY VOID THE WARRANTY.



# OPERATING AUDIOLINK™ PLS-100

## OPERATING TIPS

- The transmitter should be positioned as high as possible, preferably on top of the TV. It has to be turned toward the headset (receiver). Make sure the transmitter is not covered; it has to be placed so that ventilation is not obstructed.
- The transmitter is designed for continuous operation.
- The audio cable and plug adapter should be connected securely to the back of the transmitter. If the connection is not tight, the sound transmission will be "noisy." If this occurs, check the connectors to ensure a firm fit.
- Adjust volume on your TV or hi-fi components to a medium volume. **Note:** If you are connecting the audio cable to the headphone jack on your TV, new TVs have a separate control for the headphone outlet. Refer to the manual for your TV. If the audio output on your TV/audio equipment uses "mini" type jacks, use the adapter provided.
- Direct sunlight and incandescent light can interfere with the transmission of infrared light. For best results, do not use headset near a sunlit window or close to an incandescent lamp.

## PROBLEM SOLVING TIPS

- **Hissing noise only**—The LED on the headset may not be directed toward the LEDs on the transmitter; the transmitter may be defective; or the transmitter may not be set into operation.
- **Volume turned to maximum on headset but no signal available**—Signal is missing. Check connection to transmitter. (If volume can be adjusted at the headphone socket, adjust volume upward until transmitter is activated.) See manual of TV/hi-fi components.
- **Sound is disturbed**—Battery is completely discharged. Recharge it immediately!
- **Sound is slightly noisy**—Transmitter is not positioned in optimum way or connectors are not secured tightly; reception is obstructed; or the headset is in direct sunlight or too close to a lamp. Block light source.

For questions regarding operation, contact:

NATIONAL CAPTIONING INSTITUTE, INC.

VOICE: 1-800-533-WORD (9673)

TDD\*: 1-800-321-TDDS (8337)

\* Telecommunication device for the deaf

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